

**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket No.: P-11209.05

Serial No.: 10/743,357

Applicant(s): Carpenter et al

Filing Date: 12-22-2003

Group:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
<i>[Signature]</i>	2002/0044889	04-18-2002	Aboul-Hosn et al	422	45	
	2002/0057989	05-16-2002	Afzal et al	422	45	
	2002/0110485	08-15-2002	Stringer et al	422	45	
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	4,828,543	05-09-1989	Weiss et al	604	4	
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Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
✓	5,049,146	09-17-1991	Bringham et al	604	4	
✓	5,061,236	10-29-1991	Sutherland et al	604	4	
✓	5,069,661	12-03-1991	Trudell	604	4	
✓	5,110,548	05-05-1992	Montevecchi	422	48	
✓	5,158,533	10-27-1992	Strauss et al	604	4	
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✓	5,238,655	08-24-1993	Laible et al	422	101	
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✓	5,305,982	04-26-1994	Tamari	281	5	
✓	5,308,314	05-03-1994	Fukui et al	604	4	
✓	5,308,320	05-03-1994	Safar et al	604	4	
✓	5,334,136	08-02-1994	Schwarz et al	604	4	
✓	5,336,051	08-09-1994	Tamari	417	19	
✓	5,372,593	12-13-1994	Boehringer et al	609	319	
✓	5,382,227	01-17-1995	Riquier	604	4	
✓	5,411,706	05-02-1995	Hubbard et al	422	46	
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✓	5,573,502	11-12-1996	LeCocq et al	604	4	
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✓	5,588,816	12-31-1996	Abbott et al	417	479	
✓	5,632,894	05-27-1997	White et al	210	436	
✓	5,762,868	06-09-1998	Leonard	422	46	
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✓	5,820,579	10-13-1998	Plotkin	604	5	
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					Yes	No

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EXAMINER 	Date Considered 26 Apr 06
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Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
<i>JA</i>	5,837,905	11-17-1998	Strauss et al	73	861.63	
	5,879,316	03-09-1999	Safar et al	604	4	
	5,958,338	09-28-1999	Lindsay et al	422	45	
	6,017,493	01-25-2000	Cambron et al	422	44	
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	6,105,912	08-22-2000	Lindsay et al	248	223.41	
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EXAMINER <i>Kevin</i>	Date Considered <i>20 Apr 06</i>
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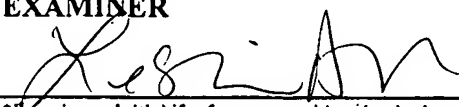
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Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
JA	2004/0009097	01-15-2004	Stringer et al	422	45	
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	2003/0215356	11-20-2003	Patterson et al	422	45	
	2003/0204127	10-30-2003	Rawles et al	600	16	
	2003/0194348	10-16-2003	Divino, Jr. et al	422	45	
	2003/0163078	08-28-2003	Fallen et al	604	6.01	
	2003/0161759	08-28-2003	Myrick et al	422	45	
	2003/0135152	07-17-2003	Kollar et al	604	35	
	2003/0095892	05-22-2003	Patterson et al	422	45	
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JA	WO 00/47248	08-17-2000	PCT				
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	EP 1182452 A2	02-27-2002	EP				
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JA	WO 2004/000391	12-31-2003	PCT				

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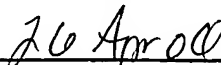
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2A	2002/0114731	08-22-2002	Stringer			
	2002/151804	10-17-2002	Gelfand et al			
	2003/135152	07-17-2003	Kollar			
	2004/084358	06-05-2004	O'Mahony			
	6,716,189	06-04-2004	Jarvik			
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

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

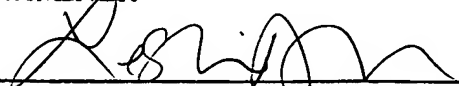

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	WO 02/064013	08-22-2002	WO				
	WO 02/26288	04-04-2002	WO				
	EP 1036567A2	02-09-2001	EP				
	DE 4326886A1	02-16-1995	DE				
	WO 96/24397	08-15-1996	WO				
	EP 0351980B1	04-06-1994	EP				
	WO 00/12155	03-09-2000	WO				

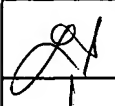



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	<i>Journal of Extra-Corporeal Technology</i> : "Rapid Pediatric Cardiopulmonary Support System," J.W. OJITO, ET AL., 1997; 29(2):96-99.
	<i>Pediatric Cardiac Anesthesia</i> : "Extracorporeal Circulation and Circulatory Assist Devices in the Pediatric Patient," FRANK H. KERN, et al., 1997; 3rd Ed.:219-258.
	<i>Journal of Extra-Corporeal Technology</i> : "Experimental Use Of An Ultra-Low Prime Neonatal Cardiopulmonary Bypass Circuit Utilizing Vacuum-Assisted Venous Drainage," EDWARD DARLING, et al., 1998; 30(4):184-89.
	<i>Perfusion</i> : "Minimizing The Bypass Circuit: A Rational Step In The Development Of Paediatric Perfusion," MARTIN ELLIOTT, 1993; 8:81-86.
	<i>Zasshi Journal</i> (English Abstract): "The Indications and Limitations of Open Heart Surgery Without Homologous Blood Transfusion in Children and Infants," MASANOBU MAEDA, et al., 1994; 42:1-7.
	<i>Journal of Cardiovascular Surgery</i> : "Clear Prime for Infant Cardiopulmonary Bypass: A Miniaturized Circuit," ERIC WABEKE, et al., 1988; 29(2):117-22.
	<i>Journal of Extra-Corporeal Technology</i> : "A Modification Of The Sarns Conducer Heat Exchanger As A Low Prime Pediatric Cardioplegia System," RONALD GORNEY, et al., 1994; 26(1):37-39.
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	<i>Ann. Thoracic Surgery</i> : "A Venous Reservoir For Cardiopulmonary Bypass In Newborns And Small Infants," JOHN L. OCHSNER, et al., 1988; 45:686.
	<i>Proc. Eur. Society Artificial Internal Organs</i> : "Automation of Cardiopulmonary Bypass for Open Heart Surgery," P.H. MOOK, et al., 1978; 5:234-37.

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		Applicant(s): Carpenter et al	
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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
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		<i>Artificial Organs:</i> "A Novel Technique for Cardiopulmonary Bypass Using Vacuum System for Venous Drainage with Pressure Relief Valve: An Experimental Study," SATOSHI TAKETANI, et al., 1998; 22(4):337-41.	
		<i>Perfusion:</i> "Paediatric Perfusion Practice in North America: An Update," ROBERT C. GROOM, ET AL., 1995; 10:393-401.	
		<i>Perfusion:</i> "Single Pump Mechanically Aspirated Venous Drainage (SPMAVD) for Cardiac Reoperation," 1996; 11:351-353 (Applicants only have page 351).	
		<i>Ann. Thoracic Surg:</i> "Minimally Invasive Coronary Artery Bypass Grafting," TEA E. ACUFF, M.D., et al., 1996; 61:135-7 (Applicants only have page 135).	
		<i>Ann. Thoracic Surg.:</i> "Transpericardial Inferior Vena Caval Cannulation in Thoracic Aorta Operations," EUGENIO NERI, M.D., et al., 1996; 62:1208-1209 (Applicants only have page 1208).	
		<i>Ann. Thoracic Surg.:</i> "Minimally Invasive Valve Operations," DELOS M. COSGROVE III, M.D., et al., 1998; 65:1535-9 (Applicants only have page 1535).	
		<i>Ann. Thoracic Surg.:</i> "Augmented Femoral Venous Return," LYNN SOLOMON, M.D., et al., 1993; 55:1262-3 (Applicants only have page 1262).	
		Drawing provided by Miami Children's Hospital, drawn on July 7, 1997.	
		Specification Sheets of a venous assisted CB circuit, specification sheets sent between Miami Children's Hospital and Medtronic, Inc., earliest date is December 16, 1998 (7 pages).	
		Specification Sheets of a hybrid CB circuit, specification sheets sent between Miami Children's Hospital and Medtronic, Inc., earliest date is June 20, 1997.	
		Email relating to augmented venous return sent to PerfList@aol.com, PerfList@aol.com is a multiple recipient medical informational email group, sent on April 27, 1997.	
		Email relating to augmented venous return and minimally invasive procedures sent to PerfList@aol.com, PerfList@aol.com is a multiple recipient medical informational email group, sent on April 27, 1997.	
		Email relating to venous drainage sent from Brian Crawford CCP to Jorge Ojito on April 28, 1997.	
		Email relating to augmented venous return sent by Jorge Ojito on April 26, 1997.	
		<i>Ann. Thoracic Surgery:</i> "Assisted Venous Drainage Cardiopulmonary Bypass in Congenital Heart Surgery," JORGE OJITO, et al., 2001; 71:1267-72.	
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		"Minimally Invasive & Bypass" computer search results, 1998.	
		"Minimally Invasive & Valve" computer search results, 1998.	
		"Intersept® Custom Tubing Pack with Carmeda® BioActive Surface" product label, 2003.	
		Facsimile transmission sheet from Elly Wierenga, Medtronic, Inc., regarding Carmeda® Data Analysis, September 14, 1998.	
		"Venous Pull Circuit" diagram.	
		<i>Journal of Thoracic and Cardiovascular Surgery</i> Copyright and Conflict of Interest Statement regarding manuscript entitled "Assisted Venous Drainage Cardiopulmonary Bypass: (AVDCPB) An Alternative Technique in Minimally Invasive Congenital Surgery" signature page, signed by Jorge Ojito, November 25, 1998.	
		May 4, 1999 correspondence from John A. Waldhausen, M.D., <i>The Journal of Thoracic and Cardiovascular Surgery</i> , to Redmond Burke, M.D. regarding his manuscript entitled "Assisted Venous Drainage Cardiopulmonary Bypass: an Alternative Technique in Minimally Invasive Congenital Cardiac Surgery."	
		June 28, 2000 correspondence from L. Henry Edmunds, Jr., M.D., Editor, <i>The Annals of Thoracic Surgery</i> , to Redmond P. Burke, M.D. regarding his paper entitled "Assisted Venous Drainage Cardiopulmonary Bypass: Safety and Efficacy in Congenital Heart Surgery."	
		Program and certificate of participation of Jorge Ojito at Sociedad Chilena de Circulacion Extracorporea, Vina del Mar, Chile, November 12-15, 1998.	
		"Assisted Venous Drainage Cardiopulmonary Bypass: Safety and Efficacy in Congenital Heart Surgery" presentation, JORGE OJITO.	
		Certificates of participation by Jorge Ojito Jornados Sobre Perfusion Pediatrica y Asistencia Circulatoria Mecanica, Buenos Aires, Argentina, November 17, 1998.	
		Cardiologia program, Caracas, Venezuela, June 6-10, 2000.	
		"Assisted Venous Drainage Cardiopulmonary Bypass: Safety and Efficacy in Congenital Heart Surgery," presented by JORGE OJITO, Mechanisms of Perfusion XVI, Lake Buena Vista, Florida, May 17-20, 2001.	
		"Assisted Venous Drainage During CPB: Safety and Efficacy in Congenital Heart Surgery," presented by JORGE OJITO, The 38 th Annual Scientific Meeting of Japanese Society of Pediatric Cardiology and Cardiac Surgery, 2002.	
		Comparison of claims in United States Patent No. 6,302,860 (Gremel, et al.) and United States Patent No. 6,337,049 (Tamari).	
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Declaration of Jorge Ojito in the matter of United States Patent Nos. 6,302,860 and 6,524,267, August 2003.

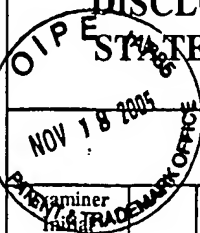




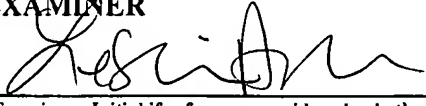
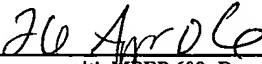
Curriculum Vitae of Jorge Ojito.

Declaration of Yehuda Tamari in the matter of United States Patent Nos. 6,302,860 and 6,524,267.

Curriculum vitae of Yehuda Tamari.

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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						